

## Message Text

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PAGE 01 STATE 190096  
ORIGIN NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-09 /024 R

DRAFTED BY NASA/LIC-17/DTGREGORY:SS

APPROVED BY EUR/NE:IWOOLEY

NASA/LIC-17/WGBASTEDO

NASA/LIC-17/BGGARNER

NASA/ERB-2/\_BTNOLAN

-----108974 272234Z /45

O 272136Z JUL 78

FM SECSTATE WASHDC

TO AMCONSUL HAMILTON IMMEDIATE

INFO AMEMBASSY LONDON IMMEDIATE

WALLOPS FLIGHT CTR WALLOPS IS VA IMMEDIATE

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WALLOPS FLIGHT CTR FOR MR NAVARRO

E.O. 11652: N/A

TAGS: TSPA

SUBJECT: FLIGHT REQUEST FOR NASA C-54 TO BERMUDA

1. WE REGRET DELAY IN FORWARDING AIRCRAFT REQUEST FOR C-54 TO FLY TO BERMUDA. FLIGHT IN CONJUNCTION WITH SEASAT A RADAR ALTIMETER SURFACE TRUTH EXPERIMENT.

2. PRIMARY AIMS OF MISSION TO MEASURE SEA-STATE CONDITIONS FOR WAVE HEIGHT AND PROVIDE RESOLUTION ALTITUDE DATA USING REMOTE SENSING TECHNIQUES. AIRBORNE MEASUREMENTS WILL BE USED TO VERIFY SIMILAR MEASUREMENTS TAKEN BY SEASAT-A SATELLITE.

3. NASA AIRCRAFT C-54 WILL FLY AUGUST 1 FROM WALLOPS  
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FLIGHT CENTER, VIRGINIA TO BERMUDA NAVAL AIR STATION. ONRETURN TRIP ON FOLLOWING DAY MEASUREMENTS WILL BE TAKEN OVER ATLANTIC OCEAN IN AREA BOUNDED BY 30 DEGREES 40 MINUTES N, 63 DEGREES 55 MINUTES W TO 33 DEGREES 50 MINUTES N, 65 DEGREES 35 MINUTES W DURING TIME SEASAT-A PASSES OVERHEAD. COORDINATED MEASUREMENTS ARE ESSENTIAL TO CALIBRATE INSTRUMENTS.

4. AIRCRAFT WILL BE EQUIPPED WITH DOWNWARD-POINTING REMOTE SENSING EQUIPMENT THAT WILL NOT REPEAT NOT BE OPERATED OVER ANY LAND MASS.

5. SPECIAL EQUIPMENT INCLUDES A MINI COMPUTER-CONTROLLED ADVANCED APPLICATIONS FLIGHT EXPERIMENT (AFFE) ALTIMETER, OPERATING AT K-U BAND (13.5 GHZ) WITH OUTPUT POWER OF ONE-HALF WATT.

## 6. ITINERARY: ALL TIMES ZULU

DATE/DEPARTURE	DESTINATION	COMMENTS
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AUG 1  
WALLOPS FC O/A 1200Z BERMUDA NAB 0/A 1600Z REFUEL &  
----- RON

AUG 2  
BERMUDA NAB O/A 0830Z WALLOPS FC O/A 1600Z EXPERIMENTS  
----- CONDUCTED  
----- ENROUTE

7. C-54 IS U.S. PUBLIC LAW AIRCRAFT, NASA-OWNED AND OPERATED, CALL SIGN NASA 427, REGISTRATION NUMBER N427 NA.

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## 8. PILOT WILL FILE INTERNATIONAL FLIGHT PLANS.

9. CREW CONSISTS OF FIVE OR MORE U.S. CIVILIANS.

10. PLEASE OBTAIN APPROPRIATE LANDING AND OVERLIGHT CLEARANCE FOR AUGUST 1-2 AND ADVISE BY IMMEDIATE CABLE. PLEASE INCLUDE NASA HEADQUARTERS AND NASA WALLOPS FLIGHT CENTER AS INFO ADDRESSEES ON CABLE. CHRISTOPHER

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## Message Attributes

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**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** LANDING RIGHTS  
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**Copy:** SINGLE  
**Draft Date:** 27 jul 1978  
**Decapton Date:** 01 jan 1960  
**Decapton Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
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**Disposition Comment:**  
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**Disposition Event:**  
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**Subject:** FLIGHT REQUEST FOR NASA C-54 TO BERMUDA  
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**Review Markings:**  
Sheryl P. Walter  
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